

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of: **Yoshii MORISHITA et al.**

Group Art Unit: **2879**

Application Number: **10/553,751**

Examiner: **Not yet assigned**

Filed: **August 11, 2006**

Confirmation Number: **6149**

For: **POLYQUINOLINE COPOLYMER HAVING BRANCHED STRUCTURE  
AND ORGANIC ELECTROLUMINESCENT DEVICE EMPLOYING  
SAME**

Attorney Docket Number: **053244**

Customer Number: **38834**

**REQUEST FOR CORRECTED FILING RECEIPT**

**Mail Stop: Missing Parts**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

August 17, 2007

Sir:

Please supply the undersigned attorney with a corrected filing receipt for the above-identified application. The undersigned also respectfully requests that the Patent and Trademark Office records be amended to reflect the correction.

In reviewing the Official Filing Receipt, we noted errors in the Title and the Assignee Information is missing. The Title should read -- **POLYQUINOLINE COPOLYMER HAVING BRANCHED STRUCTURE AND ORGANIC ELECTROLUMINESCENT DEVICE EMPLOYING SAME--** and the Assignee Information should read --**HITACHI CHEMICAL CO., LTD., Tokyo, JAPAN--**. Copies of the Declaration and Assignment are enclosed which indicate the correct information. We are also enclosing a copy of the filing receipt with the corrections highlighted.

If any fees are required in connection with this paper, please charge Deposit Account No. 50-2866.

Respectfully submitted,

**WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP**

  
Lee C. Wright

Attorney for Applicants

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LCW/my

Enclosures: Official Filing Receipt; Assignment; Declaration



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/553,751	08/11/2006	2879	1030	053244		6	1

38834

WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP  
1250 CONNECTICUT AVENUE, NW  
SUITE 700  
WASHINGTON, DC 20036

CONFIRMATION NO. 6149

## FILING RECEIPT



\*0000000021055656\*

Date Mailed: 10/30/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Yoshii Morishita, Ibaraki, JAPAN;  
Satoyuki Nomura, Ibaraki, JAPAN;  
Yoshihiro Tsuda, Ibaraki, JAPAN;  
Seiji Tai, Ibaraki, JAPAN;

*please insert*  
-- Assignment For Published Patent Application  
Hitachi Chemical Co., Ltd., Tokyo, JAPAN --

Power of Attorney: The patent practitioners associated with Customer Number 38834.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP04/05439 04/16/2004

## Foreign Applications

JAPAN 2003-114845 04/18/2003

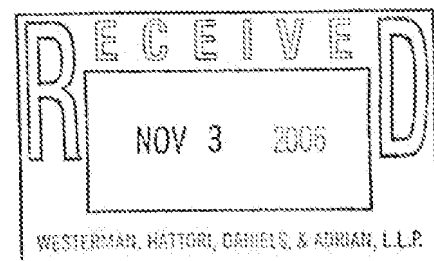
If Required, Foreign Filing License Granted: 10/26/2006

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/553,751**

Projected Publication Date: 02/01/2007

Non-Publication Request: No

Early Publication Request: No



**Title**

Polyquinoline copolymer having a ~~branched~~ structure and organic electroluminescent device using same

-- branched --

**Preliminary Class**

313

## PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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### LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

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The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted

under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

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# DECLARATION FOR U.S. PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

QUINOLINE COPOLYMER HAVING BRANCHED STRUCTURE AND  
ORGANIC ELECTROLUMINESCENT DEVICE EMPLOYING SAME

the specification of which is attached hereto unless the following is checked

☒ was filed on \_\_\_\_\_ as United States Application Number \_\_\_\_\_ and was filed on April 16, 2004 as PCT International Application Number PCT/JP2004/005439 and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claim(s), as amended by any amendment referred above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 (a) — (d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application for which priority is claimed.

(List prior foreign applications. See note A)

Priority Claimed

P2003-114845  
(Number)

Japan  
(Country)

18/04/2003  
(Day/Month/Year Filed)

☒ Yes ☐ No

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐ Yes ☐ No

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐ Yes ☐ No

\_\_\_\_\_  
(Number)

\_\_\_\_\_  
(Country)

\_\_\_\_\_  
(Day/Month/Year Filed)

☐ Yes ☐ No

(See note B) ☐ See attached list for additional prior foreign applications

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(List prior U.S. Applications)

Status

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

☐ Patented ☐ Pending ☐ Abandoned

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

☐ Patented ☐ Pending ☐ Abandoned

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

☐ Patented ☐ Pending ☐ Abandoned

\_\_\_\_\_  
(Application Serial No.)

\_\_\_\_\_  
(Filing Date)

☐ Patented ☐ Pending ☐ Abandoned

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's  
Name(s) Address(es))

**HITACHI CHEMICAL CO., LTD.**

**1-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0449 Japan**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**QUINOLINE COPOLYMER HAVING BRANCHED STRUCTURE AND  
ORGANIC ELECTROLUMINESCENT DEVICE EMPLOYING SAME**

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on April 16, 2004 Serial No. PCT/JP2004/005439

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

Yoshii MORISHITA  
(Signature)

Yoshii MORISHITA  
(Type Name)

January 10, 2006  
(Date)

Satoyuki NOMURA  
(Signature)

Satoyuki NOMURA  
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January 10, 2006  
(Date)

Yoshihiro TSUDA  
(Signature)

Yoshihiro TSUDA  
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(Date)

Seiji TAI  
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(Type Name)

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(Date)